CLAIMS

1.   A text data displaying apparatus, comprising:

a correspondence table acquisition unit (102) acquiring a correspondence table associating a character string and animation data;

a text data analyze unit (101) analyzing text data based on said correspondence table;

an animation data determine unit (104) determining animation data corresponding to said text data based on an analysis result of said text data analyze unit;

an animation data acquisition unit (105) acquiring said determined animation data;

an animation data drawing unit (106) writing said acquired animation data to a prescribed memory area (108) for animation drawing;

a text drawing unit (107) writing said text data to said prescribed memory area (108) for text drawing; and

a screen display unit (110) displaying said animation data and said text having been written to said prescribed memory area (108) to be overlapped with each other.

2.   The text data displaying apparatus according to claim 1, further comprising a display correct unit (106, 107) correcting display of at least one of said animation data and said text when said animation data and said text are displayed at said display unit (110) to be overlapped with each other.

3.   The text data displaying apparatus according to claim 1, wherein said screen display unit (110) displays said text data and said animation data with a difference between respective visual depths.

4.   The text data displaying apparatus according to claim 1, wherein

said text data analyze unit (101) determines a range of said text data to be analyzed in accordance with a specific symbol included in said text data.

5. The text data displaying apparatus according to claim 1, wherein said character string associated with said animation data in said correspondence table is a character string including a pictorial character.

6. The text data displaying apparatus according to claim 1, wherein said correspondence table acquisition unit (102) includes a correspondence table select unit selecting a prescribed correspondence table out of a plurality of correspondence tables in accordance with a predetermined condition.

7. The text data displaying apparatus according to claim 1, further comprising an animation enter/exit correct unit (106) correcting said animation data so that said animation data naturally enters or exits, at least at one of timings of initiating display of said animation data, ending display of said animation data, bringing said animation data into a frame, and bringing said animation data out of a frame.

8. The text data displaying apparatus according to claim 1, further comprising an output restrict unit (106) restricting an output of said animation data in accordance with a specific condition.

9. The text data displaying apparatus according to claim 1, wherein said animation data determine unit (104) determines animation data as well as an output manner of said animation data, and includes an output manner control unit (106) controlling said output manner in accordance with a specific condition.

10. The text data displaying apparatus according to claim 1, further comprising

a display change instruct unit (11) accepting an instruction of changing display at said screen display unit (110), wherein

contents of display at said screen display unit are changed in accordance with said instruction accepted at said display change instruction unit (11).

5

11.   The text data displaying apparatus according to claim 1, wherein said screen display unit (110) updates said display in accordance with a timing of writing said animation data to said prescribed memory area at said animation data drawing unit.

10

12.   The text data displaying apparatus according to claim 1, wherein said prescribed memory area (108) includes a plurality of memory areas for parallelly writing adjacent frames constituting said animation data, and

said screen display unit (110) updates said display by displaying completely
15   written animation data from said plurality of memory areas (108) when said screen display unit (110) accepts the instruction of changing display.

13.   The text data displaying apparatus according to claim 1, further comprising an input unit (11) inputting said text data.

20

14.   The text data displaying apparatus according to claim 1, further comprising a receive unit (11) receiving data including said text data.

15.   The text data displaying apparatus according to claim 14, further
25   comprising

a correspondence table identification information acquisition unit (101) acquiring correspondence table identification information that is identification information of said correspondence table from said data, wherein

said correspondence table acquisition unit (102) acquires said correspondence table based on said correspondence table identification information acquired.

16.   The text data displaying apparatus according to claim 1, further comprising a transmission unit (13) transmitting said text data to other apparatus.

17.   The text data displaying apparatus according to claim 16, wherein said transmission unit (13) transmits said animation data determined at said animation data determine unit together with said text data.

18.   The text data displaying apparatus according to claim 16, wherein said transmission unit (13) transmits information identifying said correspondence table together with said text data.

19.   The text data displaying apparatus according to claim 1, wherein said text data analyze unit (101) analyzes said text data using a character string in which said character string in said correspondence table and a specific character string are combined.

20.   The text data displaying apparatus according to claim 1, wherein said correspondence table further associates a character string and priority information that assigns priority to said character string, and said text data analyze unit (101) analyzes while considering said priority information associated in said correspondence table.

21.   The text data displaying apparatus according to claim 1, further comprising a correspondence table update unit (102) updating said correspondence table.

22.   A text data displaying apparatus, comprising:

a character string count unit (101) obtaining a count result by counting number of occurrence of a character string included in text data;

a correspondence table acquisition unit (102) acquiring a correspondence table associating the number of occurrence of the character string and animation data;

an animation data determine unit (104) determining animation data that corresponds to said count result by referring to said correspondence table;

an animation data acquisition unit (105) acquiring said determined animation data;

an animation data drawing unit (106) writing said acquired animation data to a prescribed memory area (108);

a text drawing unit (107) writing said text data to said prescribed memory area (108); and

a screen display unit (110) displaying said animation data and said text having been written to said prescribed memory area (108) to be overlapped with each other.

23.   The text data displaying apparatus according to claim 22, wherein said character string count unit (101) obtains as said count result a present count contents reflecting a previous count result.

24.   The text data displaying apparatus according to claim 22, wherein said character string count unit (101) counts the number of occurrence of said character string in accordance with information related to said text data.

25.   The text data displaying apparatus according to claim 22, further comprising

a display correct unit (106, 107) correcting display of at least one of said animation data and said text when said animation data and said text are displayed at said

display unit (110) to be overlapped with each other.

26.   The text data displaying apparatus according to claim 22, wherein
said screen display unit (110) displays said text data and said animation data with
a difference between respective visual depths.

27.   The text data displaying apparatus according to claim 22, wherein
said character string associated with said animation data in said correspondence
table is a character string including a pictorial character.

28.   The text data displaying apparatus according to claim 22, wherein
said correspondence table acquisition unit (102) includes a correspondence table
select unit selecting a prescribed correspondence table out of a plurality of
correspondence tables in accordance with a predetermined condition.

29.   The text data displaying apparatus according to claim 22, wherein
an animation enter/exit correct unit (106) correcting said animation data so that
said animation data naturally enters or exits, at least at one of timings of initiating
display of said animation data, ending display of said animation data, bringing said
animation data into a frame, and bringing said animation data out of a frame.

30.   The text data displaying apparatus according to claim 22, wherein
an output restrict unit (106) restricting an output of said animation data in
accordance with a specific condition.

31.   The text data displaying apparatus according to claim 22, wherein
said animation data determine unit (104) determines animation data as well as an
output manner of said animation data, and includes an output manner control unit (106)

controlling said output manner in accordance with a specific condition.

32. The text data displaying apparatus according to claim 22, further comprising

a display change instruct unit (11) accepting an instruction of changing display at said screen display unit (110), wherein

contents of display at said screen display unit are changed in accordance with said instruction accepted at said display change instruction unit (11).

33. The text data displaying apparatus according to claim 22, wherein

said screen display unit (110) updates said display in accordance with a timing of writing said animation data to said prescribed memory area at said animation data drawing unit.

34. The text data displaying apparatus according to claim 22, wherein

said prescribed memory area (108) includes a plurality of memory areas for parallelly writing adjacent frames constituting said animation data, and

said screen display unit (110) updates said display by displaying completely written animation data from said plurality of memory areas (108) when said screen display unit (110) accepts the instruction of changing display.

35. The text data displaying apparatus according to claim 22, further comprising

an input unit (11) inputting said text data.

36. The text data displaying apparatus according to claim 22, further comprising

a receive unit (11) receiving data including said text data.

37. The text data displaying apparatus according to claim 36, further comprising

a correspondence table identification information acquisition unit (101) acquiring correspondence table identification information that is identification information of said correspondence table from said data, wherein

said correspondence table acquisition unit (102) acquires said correspondence table based on said correspondence table identification information acquired.

38. The text data displaying apparatus according to claim 22, further comprising

a transmission unit (13) transmitting said text data to other apparatus.

39. The text data displaying apparatus according to claim 38, wherein

said transmission unit (13) transmits said animation data determined at said animation data determine unit together with said text data.

40. The text data displaying apparatus according to claim 38, wherein

said transmission unit (13) transmits information identifying said correspondence table together with said text data.

41. The text data displaying apparatus according to claim 22, further comprising

a correspondence table update unit (102) updating said correspondence table.

42. A mobile phone apparatus comprising the text data displaying apparatus (1) according to claim 1.

43. A mobile phone apparatus comprising the text data displaying apparatus (1) according to claim 22.

44. A text data displaying method, comprising:

a correspondence table acquisition step (S201) of acquiring a correspondence table associating a character string and animation data;

a text data analyze step (S203) of analyzing text data based on said correspondence table;

an animation data determine step (S205) of determining animation data corresponding to said text data based on a result of said analysis;

an animation data acquisition step (S207) of acquiring said determined animation data;

an animation data drawing step (S209) of writing said acquired animation data to a prescribed memory area for animation drawing;

a text drawing step (S209) of writing said text data to said prescribed memory area for text drawing; and

a screen display step (S209) of displaying said animation data and said text having been written to said prescribed memory area to be overlapped with each other.

45. A text data displaying method, comprising:

a character string count step (S203) of obtaining a count result by counting number of occurrence of a character string included in text data;

a correspondence table acquisition step (S201) of acquiring a correspondence table associating the number of occurrence of the character string and animation data;

an animation data determine step (S205) of determining animation data that corresponds to said count result by referring to said correspondence table;

an animation data acquisition step (S207) of acquiring said determined animation data;

an animation data drawing step (S209) of writing said acquired animation data to a prescribed memory area for animation drawing;

a text drawing step (S209) of writing said text data to said prescribed memory area for text drawing; and

a screen display step (S209) of displaying said animation data and said text having been written to n said prescribed memory area to be overlapped with each other.

46.   A text data displaying program for causing a computer to display text data, said text data displaying program causing said computer to execute:

a correspondence table acquisition step (S201) of acquiring a correspondence table associating a character string and animation data;

a text data analyze step (S203) of analyzing text data based on said correspondence table;

an animation data determine step (S205) of determining animation data corresponding to said text data based on a result of said analysis;

an animation data acquisition step (S207) of acquiring said determined animation data;

an animation data drawing step (S209) of writing said acquired animation data to a prescribed memory area for animation drawing;

a text drawing step (S209) of writing said text data to said prescribed memory area for text drawing; and

a screen display step (S209) of displaying said animation data and said text having been written to said prescribed memory area to be overlapped with each other.

47.   A text data displaying program for causing a computer to display text data, said text data displaying program causing said computer to execute:

a character string count step (S203) of obtaining a count result by counting number of occurrence of a character string included in text data;

a correspondence table acquisition step (S201) of acquiring a correspondence table associating the number of occurrence of the character string and animation data;

an animation data determine step (S205) of determining animation data that corresponds to said count result by referring to said correspondence table;

5   an animation data acquisition step (S207) of acquiring said determined animation data;

an animation data drawing step (S209) of writing said acquired animation data to a prescribed memory area for animation drawing;

a text drawing step (S209) of writing said text data to said prescribed memory

10   area for text drawing; and

a screen display step (S209) of displaying said animation data and said text having been written to said prescribed memory area to be overlapped with each other.

48.   A computer readable recording medium recording the text data displaying

15   program according to claim 46.

49.   A computer readable recording medium recording the text data displaying program according to claim 47.